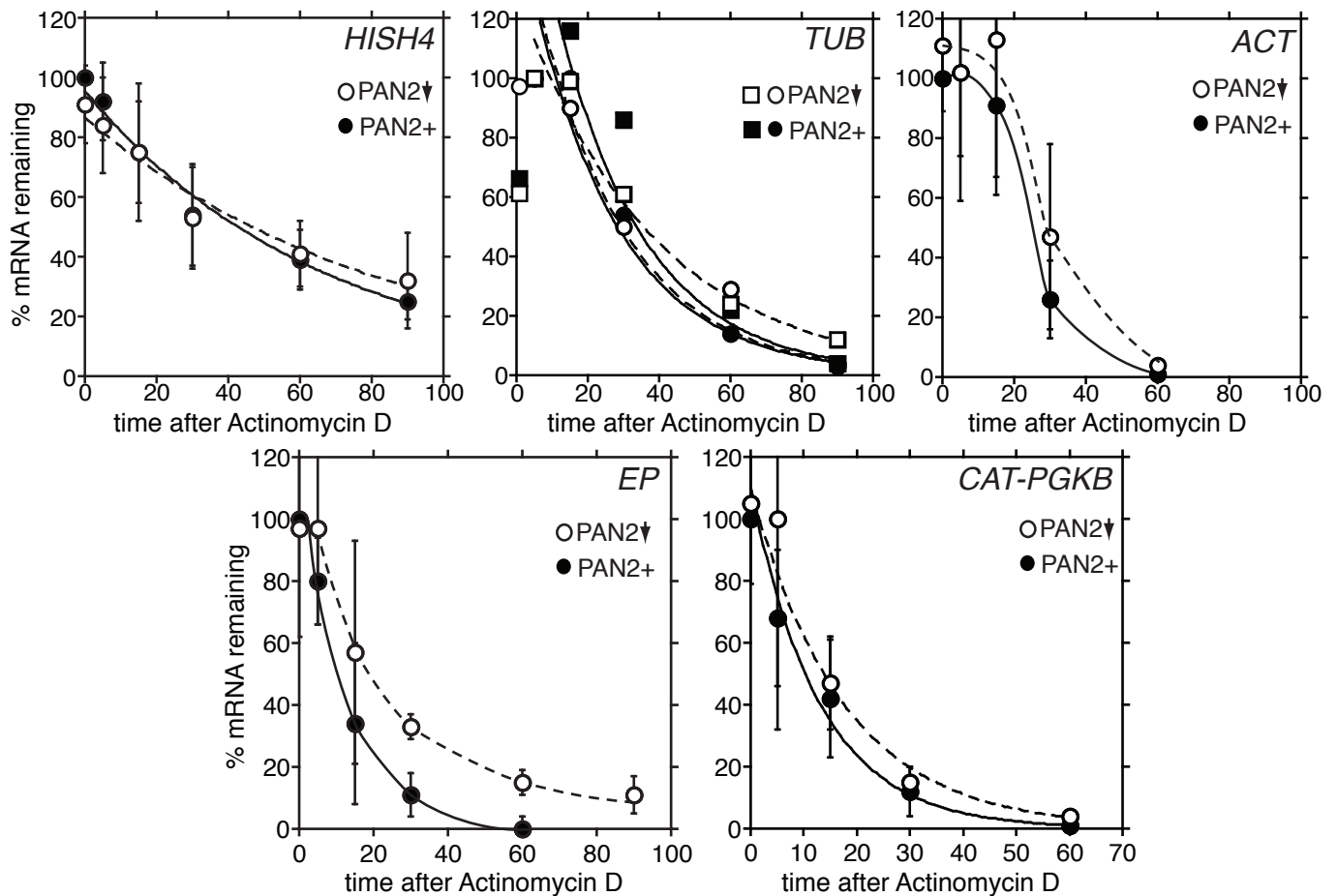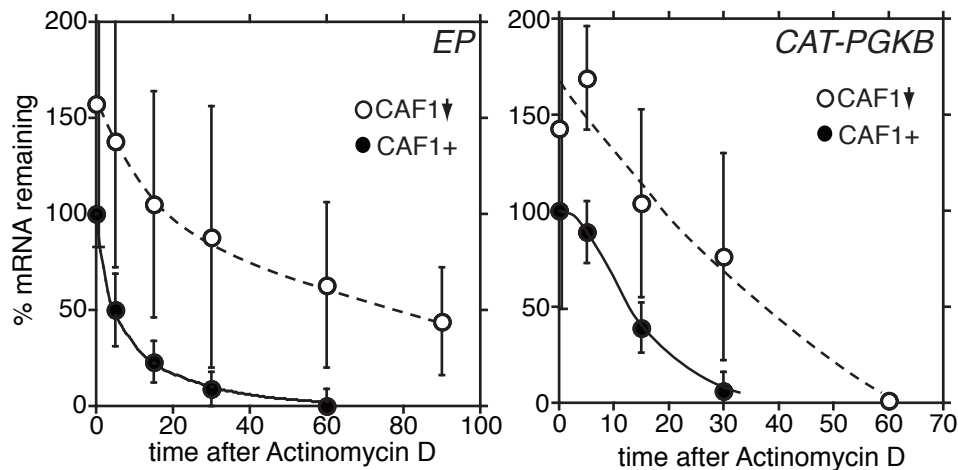**A. Effect of PAN2 depletion on RNA decay: normalised to 0-time value for PAN2+ cells**

B. Effect of CAF1 depletion on RNA decay: normalised to 0-time value for CAF1+ cells

Supplementary Figure S3: mRNA degradation after RNAi targeting *PAN2* and *CAF1*

A: Alternative representation of data for mRNA degradation after *PAN2* RNAi
The data from Figures 3, 4 and 5 concerning the effects of *PAN2* RNAi on mRNA degradation were re-calculated. For each experiment, the amount of mRNA in the control cells, at time=0, was taken to be 100% for both the PAN2+ and the PAN2-depleted cells. Means and standard deviations were then calculated as before. The curves for the PAN2+ cells are the same as before, but those for the PAN2-depleted cells reveal whether there were absolute differences in mRNA abundance.

B: Alternative representation of data for mRNA degradation after *CAF1* RNAi
The data from Figures 4 and 5 concerning the effects of *CAF1* RNAi on mRNA degradation were re-calculated to show differences in mRNA abundance, as in section A.